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# Ed.F.Mangelsdorf & Bro., Inc.

Wholesale Grass and Field Seeds

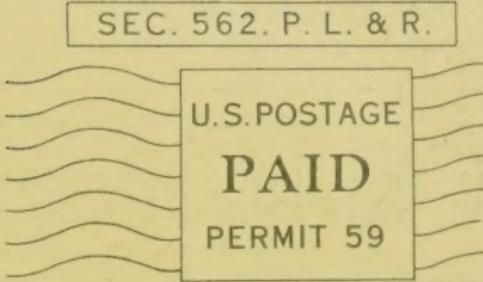
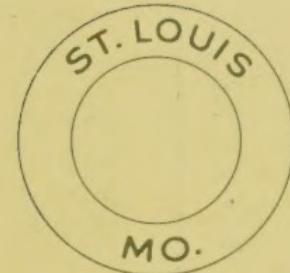


1020 SOUTH FOURTH STREET  
Saint Louis, Mo.

Important!

Market Quotations

SEC. 562, P. L. & R.





MISSOURI SEED PERMIT NO. 12

## WHOLESALE FIELD AND GRASS SEEDS

WHOLESALE PRICES BELOW ARE TODAY'S VALUES, F. O. B. ST. LOUIS, FOR PROMPT SHIPMENT. ALL QUOTATIONS SUBJECT TO MARKET CHANGES.  
PRICES ARE FOR FULL BAGS. BROKEN BAGS HIGHER AND WE MAKE AN EXTRA FLAT CHARGE OF 15 CENTS FOR EACH PACKAGE OF 60 POUNDS OR LESS.  
PARCEL POST ORDERS 25 CENTS EACH EXTRA PLUS POSTAGE. BAGS NOT RETURNABLE.

1020 So. Fourth St.

ST. LOUIS, MO.

Telephone L.D. 94  
Main 0500

List No. 580

WE GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS WE SELL AND WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP

Jan. 14, 1948

**ALL SEEDS BILLED GROSS FOR NET - BAGS INCLUDED - NO CHARGE IS MADE FOR BAGS**

### ALFALFA U. S. Verified Origin

		Per 100 lbs.
Kansas	M Brand	\$31.00
Colorado	"	33.00
Approved Oklahoma	"	27.00
New Mexico	"	24.00
North Dakota	"	47.00
Minnesota Grimm	"	48.00
*Buffalo, Certified	\$1.10 per lb.	
*Ranger, "	1.00 "	
*Packed in 30 lb. Sealed Bags.		
ARGENTINE, M BRAND,		22.00
Reprocessed, highest quality, stained 10% Red		
INCLUDE INOCULATION, Order Group 1.		

### SWEET CLOVER

		Per 100 lbs.
M Brand Standard, "Mainly White"		\$18.50
" Yellow Blossom		18.00
" Mixed White and Yellow		17.50
" Unhulled		14.50
" Madrid Sweet Clover		22.00
" Hubam Annual		18.00
INCLUDE INOCULATION, Order Group 1.		

### RED CLOVER

		Per 100 lbs.
Medium, M Brand		\$64.00
Mammoth, "		65.00

INCLUDE INOCULATION, Order Group 2.

### ALSIKE CLOVER

		Per 100 lbs.
M Brand		\$50.00

INCLUDE INOCULATION, Order Group 2.

### LESPEDEZA

		Per 100 lbs.
Korean, M Brand		\$14.00
" Fancy		13.00
Korean, Hulled, M Brand		16.50
Lespedeza, Early 19604	" Ask	
SERICEA - Unhulled - M Brand		22.00
" Scarified - " "		29.00
INCLUDE INOCULATION, Order Group 3.		

### LADINO CLOVER

		Per Pound
Very Short Supplies	100 lbs. or more	Small Lots
M Brand,	\$2.35	\$2.45

### LADINO CLOVER:

Taller, more luxuriant growth than ordinary White Dutch, therefore more suitable for hay or pasture. Dense growing habit, recovers rapidly after grazing. Grows wherever White Dutch thrives. May be seeded Spring or Fall. One to 2 lbs. per acre sufficient except where thick stand expected first year. Cover seed not over  $\frac{1}{4}$  inch.

### BIRDFOOT TREFOIL Broadleaf

100 lb. lot —	\$1.25 per lb.
Small lots —	1.40 "

### CRIMSON CLOVER

Sold Out

### WHITE DUTCH CLOVER

Per 100 lbs.	100 lbs. or More	25 lbs. or More	1 to 10 lbs.
M Brand	\$57.00	\$59.00	\$63.00

### VETCH

		Per 100 lbs.
Hairy Winter Vetch		\$21.50
Common Vetch		10.00
Austrian Winter Peas		9.50

### SEAMLESS BAGS

	Per Bale
Bemis "A" or Fulton "A"	100 per bale. New 16-oz. \$63.75

### BINDER TWINE

	Per Bale
8 Lb. Balls	\$11.50

### CLIPPER MILLS

No. 2 B. Clipper,	\$62.00 Ea
No. 2 B. Special, with sacker	70.00
Motor and Drive for 2B	25.00 "
" " " 2B Spec.	30.00 "

All cleaners are equipped with 12 screens.

### M BRAND INOCULATION

Humus Culture for Legumes	Size	Dealer Price	Retail Price
Group 1-Alfalfa, Sweet Clover	1-bu.	\$0.30	\$0.50
Group 2-Red, Alsike, Crimson Clover	2½-bu.	.54	1.00
Group 3-Lespedeza	100-lb.	.30	.50
Group 4-Vetches, Austrian Peas, Garden & Canning Peas	100-lb.	.34	.55
Group 5-Cowpeas	2-bu.	.20	.30
Group 6-Soybeans	5-bu.	.33	.55
	25-bu.	1.50	2.50
	30-bu.	1.90	3.00

The 30-bu. size may be sold as one unit, or as 6 separate 5-bu. pkgs.

### TIMOTHY

	Per 100 lbs.	5 Bags or More	Bag Lots
M Brand	\$8.00	\$8.25	
Fancy	7.50	7.75	
Choice	7.00	7.25	
Mixed Tim.-Alsike (20% Alsike)	16.50	17.00	

### RED TOP

	Per 100 lbs.	5 Bags or More	Bag Lots
M Brand	\$23.00	\$23.50	
Fancy	21.50	22.00	
Choice	20.00	20.50	
Unhulled	11.25	11.50	

### KY. BLUE GRASS

	(Per 100 lbs.)
M Brand 21-lb (New crop)	\$33.00
Fancy 19-lb.	31.50
Superfine, Heavy	36.00

### RYE GRASS

	Per 100 lbs.
Domestic, M Brand	\$10.00
Perennial, Blue Tag	14.75

### ORCHARD GRASS

	Per 100 lbs.
M Brand	\$16.75

### MEADOW FESCUE

	Per 100 lbs.
M Brand	\$15.00

Also called English Blue Grass. Excellent permanent pasture grass similar to Orchard Grass in use. Wide adaptation to most soils. Does well on poorly-drained land. Is perennial (long lasting). Alta Fescue and Ky. 31 are selections from Meadow Fescue.

### ALTA FESCUE M Brand @ \$46.00

Small amount 50¢ per lb.  
New introduction in wide demand. Larger supply makes it more reasonable in price than the very similar Ky. 31. Experiment station trials indicate it to be fully equal. Alta Fescue is deep-rooted; withstands dry weather; controls erosion; makes excellent pasture; long-lasting. Avoid pasturing until grass at least 4 inches high. Sow 12-15 pounds per acre.

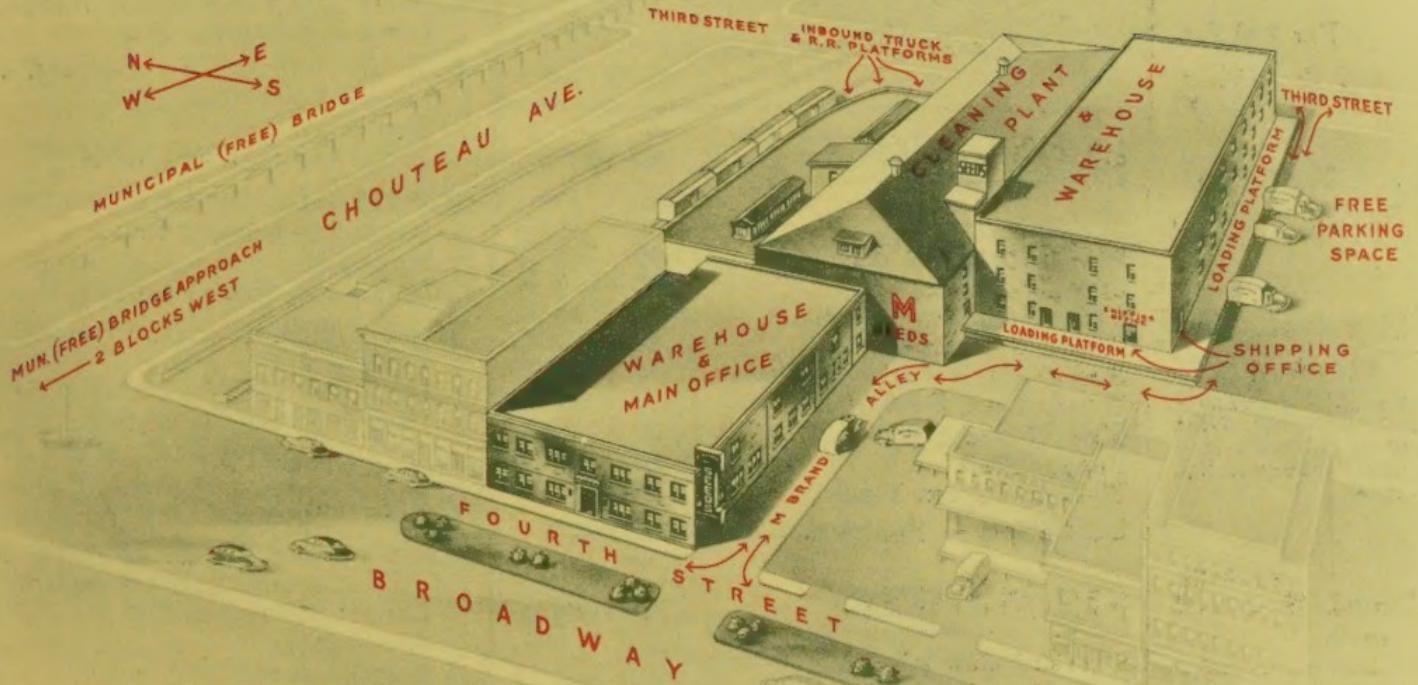
### BROME GRASS

Bags Included. Quack-free Per 100 lbs.

Kansas (Southern type) M Brand \$20.00 \$20.50

Canadian 19.00 19





## OUR NEW ST. LOUIS PLANT

Convenient location: just south of Municipal (Free) Bridge—near truck depots, railroads, wholesale district—out of congested area.

Ample truck-loading space—**off the street**—with free parking lot. Two entrances—Fourth or Third St.—to platform which can serve 22 trucks at a time.

Railroad trackage alongside building. Bulk unloading provided for.

Building contains 125,000 square feet. Newest types cleaning machinery, with arrangement for quick, efficient, economical handling and cleaning of seeds.

Large, modern, daylight seed-testing laboratory to control buying, cleaning and preparation of seeds to meet and surpass requirements of the Federal and various State seed laws.

St. Louis is close to the producing territory of a wide assortment of Grasses, Clovers, Beans, Peas and Forage seeds, enabling us to offer first-hand at low prices.

In addition, we operate our large cleaning and storage plant at Atchison, Kansas, for handling and cleaning seeds originating in that area and the West. Atchison is in the northeast corner of Kansas, just across the Missouri line, in the center of the Blue Grass producing districts of Missouri, Kansas, Iowa and Nebraska.

**ED. F. MANGELSDORF & BRO., INC.**  
ST. LOUIS  
1020 SOUTH FOURTH STREET

Wholesale Only. Under same management in St. Louis since 1919.

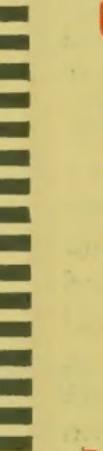


# SEED CHART

See back cover for  
Seed Chart

SEED	WEIGHT PER BU.	POUNDS PER ACRE	TIME OF SEEDING
ALFALFA.....	60	15-20	MARCH, MAY—AUGUST, SEPTEMBER
ALSIKE CLOVER.....	60	6-10	JANUARY, APRIL—AUGUST, OCTOBER
ATLAS SORGO.....	56	20-30	APRIL—JULY
BARLEY.....	48	72-96	MARCH, APRIL—SEPTEMBER
BERMUDA GRASS.....	40	5-10	MARCH—JUNE
BLUE GRASS (LAWNS: 1 LB. 200 SQ. FT.).....	14	30-40	FEBRUARY, JUNE—AUGUST, OCTOBER
BROME GRASS.....	14	15-25	FEBRUARY, APRIL—AUGUST, OCTOBER
BUCKWHEAT.....	48	48-60	MAY—JULY
CANE, FODDER.....	50	50-65	MAY—JULY
CORN, FIELD.....	56	7-10	MAY—JULY
" ENSILAGE.....	56	30-35	MAY—JULY
CLOVER, ALSIKE.....	60	6-10	JANUARY, APRIL—AUGUST, OCTOBER
" BUR (HULLED).....	60	15-20	AUGUST—NOVEMBER
" CRIMSON.....	60	15-20	JULY—OCTOBER
" RED.....	60	10-12	JANUARY, APRIL—AUGUST, NOVEMBER
" SWEET.....	60	15-25	JANUARY, MAY—JULY, SEPTEMBER
" SWEET (UNHULLED).....	40	25-40	NOVEMBER—FEBRUARY
" WHITE (LAWNS: 1 LB. 400 SQ. FT.).....	60	3-5	FEBRUARY, JUNE—AUGUST, OCTOBER
COWPEAS (DRILLED).....	60	45-70	MAY—AUGUST
GROHOMA.....	56	20-30	APRIL—JULY
JOHNSON GRASS.....	28	20-30	APRIL—JULY
KAFFIR CORN—MILO MAIZE—HEGARI.....	56	20-30	MAY—JULY
LAWN GRASS (LAWNS: 1 LB. 200 SQ. FT.).....	25	150-200	FEBRUARY, APRIL—AUGUST, OCTOBER
LESPEDAZA, KOREAN (MEASURED BU. 45 LBS.).....	25	15-25	FEBRUARY—MAY
" KOREAN (HULLED).....	60	10-15	FEBRUARY—MAY
MEADOW FESCUE (ENGLISH BLUE GRASS).....	24	25-35	MARCH, MAY—AUGUST, SEPTEMBER
MILLET, GERMAN.....	50	40-50	MAY—JULY
" HUNGARIAN.....	48	40-50	MAY—JULY
" JAPANESE.....	35	25-40	MAY—JULY
OATS.....	32	50-75	MARCH—MAY
ORCHARD GRASS.....	14	20-25	MARCH, MAY—AUGUST, OCTOBER
PASTURE MIXTURE.....	25	25-35	MARCH, JUNE—AUGUST, OCTOBER
RAPE, DWARF ESSEX.....	56	6-10	APRIL—SEPTEMBER
REDTOP, SOLID (MEASURED BU. 32 LBS.).....	14	8-12	FEBRUARY, JUNE—AUGUST, OCTOBER
" UNHULLED.....	14	20-30	FEBRUARY, JUNE—AUGUST, OCTOBER
REED CANARY GRASS.....	30	8-12	FEBRUARY, APRIL—AUGUST, SEPTEMBER
RYE, WINTER.....	56	60-90	JULY—NOVEMBER
RYE GRASS.....	24	25-35	FEBRUARY, JUNE—AUGUST, OCTOBER
SOYBEANS (DRILLED).....	60	30-60	MAY—AUGUST
SUDAN GRASS.....	40	15-30	APRIL—JULY
SUNFLOWER.....	22	3-6	MAY—JULY
TIMOTHY.....	45	8-12	FEBRUARY, MAY—AUGUST, NOVEMBER
VETCH, HAIRY WINTER.....	60	30-50	AUGUST—NOVEMBER

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ED. F. MANGELSDORF & BRO., INC.  
1020 SO. FOURTH ST.  
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## SEED DISINFECTANTS

**CERESAN New Improved** For Wheat, Barley and Oats. Easily and quickly applied. One pound treats 32 Bushels.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
4-oz. can	\$ 0.35	\$ 2.55 per doz.	3 doz.
1-lb. "	.90	7.25 " "	1 "
4-lb. "	3.00	13.50 " $\frac{1}{2}$ "	$\frac{1}{2}$ "
8-lb. "	6.00	26.95 " $\frac{1}{2}$ "	6 "
40-lb. pail	26.40	21.10 per pkg.	1 per pkg.
100-lb. D.	61.00	50.50 " "	1 "

**SEMESAN BEL New Improved** — A Dip disinfectant for seed potatoes. (1 pound treats 60 to 80 Bushels.)

2-oz. pkt.	\$ 0.35	\$ 2.25 per doz.	12 doz.
1-b. can	1.85	14.65 " "	1 "
4-lb. "	6.35	28.50 $\frac{1}{2}$ " "	$\frac{1}{2}$ "
25-lb. pail	36.90	29.40 per pkg.	1 only

**SEMESAN** — A General Disinfectant for Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases.

$\frac{1}{2}$ -oz. pkt.	\$ 0.12	\$ .80 per doz.	12 doz.
2-oz. can	0.45	3.35 " "	3 "
12-oz. "	2.10	17.30 " "	1 "
4-lb. "	10.10	45.30 $\frac{1}{2}$ " "	$\frac{1}{2}$ "

**REGULAR CERESAN** — For Cotton, Millets, Sorghums. One pound treats 5 to 8 Bushels.

1-lb. can	\$ 0.85	\$ 7.05 per doz.	1 doz.
4 $\frac{3}{4}$ -lb. "	3.50	15.60 $\frac{1}{2}$ " "	$\frac{1}{2}$ "
25-lb. pail	16.10	12.75 per pkg.	1 only
100-lb. D.	57.75	47.20 " "	1 "

**BARSPROUT** — A dust applied to Potatoes and other root crops to retard sprouting in storage.

	Dealer	Retail
12 oz. can	48 per case	\$8.00 Doz. 3.65 Ea.
5 lb. "	4 " "	\$1.00 Ea. 5.50 "

## 2-4 DOW WEED KILLER — POWDER

(70% 2-4-Dichlorophenoxyacetic)

Powder form — 1 ounce to 5 gallons of water.

	Dealer	Retail
4-oz. cans (24 per case)	\$0.85 Ea.	\$ 1.40 Ea.
20-oz. " (12 " " )	2.05 "	2.55 "
10-lb. drums	14.20 "	18.00 "
50-lb. "	66.50 "	82.50 "

4-oz. can makes 20 gallons spray which covers approximately 4,500 square feet.

## WEEDICIDE WEED KILLER

### LIQUID REGULAR (2-4D)

(Dilute 1 oz. to 1 $\frac{1}{2}$  gal. water).

Size	Treats	Packed	Dealer	Retail
2-oz.	680 sq. ft.	2 doz.	\$1.80 Doz.	\$0.25 Ea.
8- "	2720 " "	1 "	7.20 "	1.00 "
1-qt.	$\frac{1}{4}$ -acre	6 only	12.60 "	1.75 "
1-gal.	1 acre	1 "	3.35 Ea.	5.00 "
5-gal.	5 acres	1 "	18.75 "	25.00 "

### LIQUID CONCENTRATE (2-4D)

(Dilute 1 ounce to 6 gals. of water).

1-pt.	$\frac{1}{2}$ acre	1 doz.	\$21.60 Doz.	\$3.00 Ea.
1-qt.	1 "	6 only	39.60 "	5.50 "
1-gal.	4 acres	1 "	10.50 Ea.	14.00 "
5-gal.	20 "	1 "	46.90 "	62.50 "

ALL PRICES SUBJECT TO CHANGE  
WITHOUT NOTICE

## END O PEST

3 way protection for chewing insects, sucking insects and fungus diseases.

Dealer      Retail

10 oz. Applicator Gun (24 per case)	\$10.95 Case	\$0.65 Ea.
10 oz. Refill Cartridge (24 per case)	8.40 "	.50 "
2 lb. Pouring Spout pkg. (12 per case)	10.50 "	1.25 "

## KNOX-OUT STOCK AND BARN SPRAY

50% DDT — Wettable dust. Add to water for cattle and barns.

1-lb. (24 per case)	\$14.40 Case	\$0.90 Ea.
2-lb. (12 " " )	14.40 "	1.80 "

## CYTOX — 50% DDT Wettable powder

4-lb. bags (12 per case)	Dealer \$1.84 per bag
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## FUMIGANTS

### CYANOGENS, A-DUST (for pest control.)

**CYANOGENS, G-FUMIGANT** [for mill and elevator fumigation.  
State purpose for which desired.]

Size	Per Case	Dealer	Retail
4-oz.	1 dozen	\$2.80 Doz.	\$0.39 Ea.
1-lb.	4 "	7.00 "	.98 "
5-lb.	20 cans	2.50 Ea.	3.75 "
25-lb.	4 "	9.35 "	12.50 "
100-lb.	1 can	24.00 "	30.00 "

## FOOT PUMP DUSTERS

\$8.25 Ea.	\$11.00 Ea.
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